

**IFWO** 

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/733,847

DATE: 10/04/2004 TIME: 11:57:30

Input Set : A:\MIT111.ST25.txt

Output Set: N:\CRF4\10042004\J733847.raw

```
3 <110> APPLICANT: CARR, Peter A.
       MOSLEY, David W.
 4
        EMIG, Christopher J.
 5
        CHOW, Brian Y.
        JACOBSEN, Joseph M.
 7
 9 <120> TITLE OF INVENTION: METHODS FOR HIGH FIDELITY PRODUCTION OF LONG NUCLEIC ACID
10 MOLECULES WITH ERROR CONTROL
12 <130> FILE REFERENCE: 034474-0111
14 <140> CURRENT APPLICATION NUMBER: US 10/733,847
15 <141> CURRENT FILING DATE: 2003-12-10
17 <150> PRIOR APPLICATION NUMBER: US 60/432,556
18 <151> PRIOR FILING DATE: 2002-12-10
20 <160> NUMBER OF SEQ ID NOS: 14
22 <170> SOFTWARE: PatentIn version 3.2
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 13
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Synthetic oligonucleotide
32 <400> SEQUENCE: 1
                                                                          13
33 atcggatcca ttt
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 14
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Synthetic oligonucleotide
44 <400> SEQUENCE: 2
45 atcggatcca ttta
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 11
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Synthetic oligonucleotide
56 <400> SEQUENCE: 3
                                                                          11
57 atcggatcca t
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 12
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
```

## RAW SEQUENCE LISTING

DATE: 10/04/2004

PATENT APPLICATION: US/10/733,847 TIME: 11:57:30

Input Set : A:\MIT111.ST25.txt

Output Set: N:\CRF4\10042004\J733847.raw

66 <223> OTHER INFORMATION: Synthetic oligonucleotide 68 <400> SEQUENCE: 4 69 atcggatcca tt 12 72 <210> SEQ ID NO: 5 73 <211> LENGTH: 14 74 <212> TYPE: DNA 75 <213> ORGANISM: Artificial Sequence 77 <220> FEATURE: 78 <223> OTHER INFORMATION: Synthetic oligonucleotide 80 <400> SEQUENCE: 5 81 aaaatggatc cgat 14 84 <210> SEQ ID NO: 6 85 <211> LENGTH: 19 86 <212> TYPE: DNA 87 <213> ORGANISM: Artificial Sequence 89 <220> FEATURE: 90 <223> OTHER INFORMATION: Synthetic oligonucleotide 92 <400> SEQUENCE: 6 93 atcggatcca tttaccagg 19 96 <210> SEQ ID NO: 7 97 <211> LENGTH: 19 98 <212> TYPE: DNA 99 <213> ORGANISM: Artificial Sequence 101 <220> FEATURE: 102 <223> OTHER INFORMATION: Synthetic oligonucleotide 104 <400> SEQUENCE: 7 105 cctggtaaat ggatccgat 19 108 <210> SEQ ID NO: 8 109 <211> LENGTH: 14 110 <212> TYPE: DNA 111 <213> ORGANISM: Artificial Sequence 113 <220> FEATURE: 114 <223> OTHER INFORMATION: Synthetic oligonucleotide 116 <400> SEQUENCE: 8 117 taaatggatc cgat 14 120 <210> SEQ ID NO: 9 121 <211> LENGTH: 14 122 <212> TYPE: DNA 123 <213> ORGANISM: Artificial Sequence 125 <220> FEATURE: 126 <223> OTHER INFORMATION: Synthetic oligonucleotide 128 <400> SEQUENCE: 9 129 taacctggtt acct 14 132 <210> SEQ ID NO: 10 133 <211> LENGTH: 20 134 <212> TYPE: DNA 135 <213> ORGANISM: Artificial Sequence 137 <220> FEATURE: 138 <223> OTHER INFORMATION: Synthetic oligonucleotide

RAW SEQUENCE LISTING

DATE: 10/04/2004

PATENT APPLICATION: US/10/733,847

TIME: 11:57:30

Input Set : A:\MIT111.ST25.txt

Output Set: N:\CRF4\10042004\J733847.raw

	100 00000000000000000000000000000000000		
	<400> SEQUENCE: 10	•	
	accaggtaac ctggttacct		20
	<210> SEQ ID NO: 11		
	<211> LENGTH: 10		
	<212> TYPE: DNA		
	<213> ORGANISM: Artificial Sequence		
_	<220> FEATURE:		
	<223> OTHER INFORMATION: Synthetic oligonucleotide		
	<400> SEQUENCE: 11		
	atcggatcca	(	10
	<210> SEQ ID NO: 12		
	<211> LENGTH: 13		
	<212> TYPE: DNA		
159	<213> ORGANISM: Artificial Sequence	-	
161	<220> FEATURE:		
162	<223> OTHER INFORMATION: Synthetic oligonucleotide	•	
	<400> SEQUENCE: 12		
165	ggttggatcc gat		13
168	<210> SEQ ID NO: 13		
169	<211> LENGTH: 43		,
170	<212> TYPE: DNA		
171	<213> ORGANISM: Artificial Sequence		
	<220> FEATURE:		
174	<223> OTHER INFORMATION: Synthetic oligonucleotide		
	<400> SEQUENCE: 13		
177	ateggateca accaggtaac etggttacet ggttggatec gat		43
180	<210> SEQ ID NO: 14		
181	<211> LENGTH: 16		
182	<212> TYPE: DNA	•	
183	<213> ORGANISM: Artificial Sequence		
	<220> FEATURE:		
	<223> OTHER INFORMATION: Synthetic oligonucleotide		
	<400> SEQUENCE: 14		
	atcggatcca accagg		16
			10

VERIFICATION SUMMARY

DATE: 10/04/2004

PATENT APPLICATION: US/10/733,847

TIME: 11:57:31

Input Set : A:\MIT111.ST25.txt

Output Set: N:\CRF4\10042004\J733847.raw